



Hi-Speed Industrial Service
7030 Ryburn Dr
Millington, Tn 38053
901-873-5300

AC Recondition Repair Report

FolderID: 98453
FormID: 11139629

Remington (10243)
2592 AR Hwy 15 N
Lonoke, AR 72086

Priorities Found: ● 3 - High ● 12 - Good

General

1. Job Number	98453
2. Report Date	07/15/2021
3. Customer	10243

Name Plate Information



4. Manufacturer **BALDOR ELECTRIC** P5




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5. Model	85600H24
6. Serial Number	Z1810301367
7. Horsepower	15
8. KW	
9. Volts	
10. Amps	35
11. RPM	3520
12. Frame	254TCZ
13. Enclosure	TEFC
14. Cycles	
15. Phase	3
16. Service Factor	1.15
17. Motor Mount Position	
Initial Inspection 	



19. Lead Length

11.5 Inches

20. Lead Size

☒ 21. Lead Condition

(P) Pass

P42



22. Lead Markings

1-9

23. Lug Size, Condition, and Type

24. Winding RTD's

25. Winding Rtd's Condition

26. Shaft Run Out

27. Does Shaft Turn Freely

yes

28. Does Shaft Have Visible Damage

29. Bearing Rtd's

30. Bearing Rtd's Condition

31. Contamination

P104



32. Frame Condition

(P) Pass

P106



33. Fan Condition

(P) Pass

P109



34. Broken or missing components







Initial Electric Test

- 35. Resistance to Ground
- 36. Winding Resistance 1-2
- 37. Winding Resistance 2-3
- 38. Winding Resistance 1-3
- 39. Resistive Imbalance
- 40. Hi-Pot

41. Surge Test

(F) Fail

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42.	Stator Condition	pass	
43.	Failure Location		
Initial Rotor Inspection			
44.	Rotor Type	squirrel cage laminate	P4
			
45.	Air Gap <10% Variation		
46.	Number of Rotor Bars		
47.	Number of Broken Rotor Bars		
48.	Growler Test		
	49. Rotor Condition	(P) Pass	
Mechanical Inspection			
50.	Bearing Manufacture	Skf	P1
 			
51.	Bearing DE Size	7309	
52.	Bearing DE Type	thrust	
53.	DE Bearing Qty.	1	



55. Bearing ODE Type

regular ball bearing

56. ODE Bearing Qty.

1

57. Insulated Bearing

no

58. Lubrication Type

grease

59. Grease Condition

(F) Fail

P74

 Contaminated

60. Bearing Retainers

(Y) Yes

P80



- | | |
|----------------------------|---------------------|
| 61. Shaft Grounding Device | (NA) Not Applicable |
| 62. DE Seal | |
| 63. DE Seal Type/Size | |
| 64. ODE Seal | |
| 65. ODE Seal Type/Size | |

Root Cause of Failure

- | | |
|------------------------|-------------------------------------------------|
| 66. Component Failure | O.d.e. housing fit pitted. |
| 67. Cause of Failure | <i>Contaminated grease and bad housing fit.</i> |
| 68. Comments | |
| 69. Service Technician | Terrence. Holland |

Terrence Holland

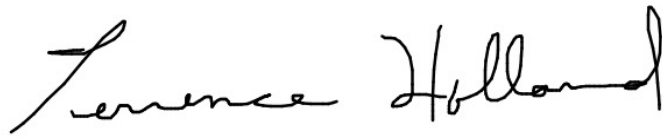
Machine Fit Inspection Report



- | | |
|------------------------------------------|----------|
| 70. Shaft Run Out | (P) Pass |
| 71. Initial Shaft Run Out | 0.001 " |
| 72. Final Shaft Run Out | |
| 73. DE Bearing Shaft Fit | (P) Pass |
| 74. DE Initial Shaft Bearing Fit Size 1 | 1.7722 " |
| 75. DE Initial Shaft Bearing Fit Size 2 | 1.7722 " |
| 76. DE Initial Shaft Bearing Fit Size 3 | 1.7723 " |
| 77. DE Finial Shaft Bearing Fit Size 1 | |
| 78. DE Finial Shaft Bearing Fit Size 2 | |
| 79. DE Finial Shaft Bearing Fit Size 3 | |
| 80. ODE Bearing Shaft Fit | (P) Pass |
| 81. ODE Initial Shaft Bearing Fit Size 1 | 1.5752 " |
| 82. ODE Initial Shaft Bearing Fit Size 2 | 1.5752 " |
| 83. ODE Initial Shaft Bearing Fit Size 3 | 1.5753 " |
| 84. ODE Finial Shaft Bearing Fit Size 1 | |
| 85. ODE Finial Shaft Bearing Fit Size 2 | |
| 86. ODE Finial Shaft Bearing Fit Size 3 | |
| 87. DE Air Seal Shaft Fit | |

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88.	DE Initial Air Seal Shaft Size		
89.	DE Final Air Seal Shaft Size		
90.	ODE Air Seal Shaft Fit		
91.	ODE Initial Air Seal Shaft Size		
92.	ODE Final Air Seal Shaft Size		
93.	DE Endbell Fit	(P) Pass	
94.	DE Initial Endbell Fit Size 1	3.9372 "	
95.	DE Initial Endbell Fit Size 2	3.9372 "	
96.	DE Initial Endbell Fit Size 3	3.9374 "	
97.	DE Final Endbell Fit Size 1		
98.	DE Final Endbell Fit Size 2		
99.	DE Final Endbell Fit Size 3		
100.	DE Endbell Fit Insulated	(NA) Not Applicable	
101.	DE Endbell Air Seal Fit		
102.	Initial Endbell Air Seal Fit Size		
103.	Final Endbell Air Seal Fit Size		
104.	ODE Endbell Fit	(F) Fail	
	 Pitted		
105.	ODE Initial Endbell Fit Size 1		
106.	ODE Initial Endbell Fit Size 2		
107.	ODE Initial Endbell Fit Size 3		
108.	ODE Final Endbell Fit Size 1		
109.	ODE Final Endbell Fit Size 2		
110.	ODE Final Endbell Fit Size 3		
111.	ODE Endbell Fit Insulated		
112.	ODE Endbell Air Seal Fit		
113.	ODE Initial Endbell Seal Fit Size		
114.	ODE Final Endbell Seal Fit Size		
115.	Foot Flatness	(NA) Not Applicable	
116.	Foot Condition	(NA) Not Applicable	
117.	Flange Condition	(P) Pass	P158
			
118.	Service Technician	Terrence. Holland	



Balancing Report

- 119. Balance Type
- 120. Balance Operating Speed
- 121. Start Left End
- 122. Start Right End
- 123. Balancing Specification
- 124. Finish Left End
- 125. Finish Right End
- 126. Service Technician

Assembly and Final Test

- 127. Meggar Testing Reading
- 128. Surge Test
- 129. Hi-Pot
- 130. Winding Resistance 1-2
- 131. Winding Resistance 2-3
- 132. Winding Resistance 1-3
- 133. Test Run Voltage Phase A
- 134. Test Run Amps A
- 135. Test Run Voltage Phase B
- 136. Test Run Amps B
- 137. Test Run Voltage Phase C
- 138. Test Run Amps C
- 139. DE Horizontal Vibration Reading
- 140. DE Vertical Vibration Reading
- 141. DE Axial Vibration Reading
- 142. ODE Horizontal Vibration Reading
- 143. ODE Vertical Vibration Reading
- 144. ODE Axial Vibration Reading
- 145. Ambient Temp at start of Test Run
- 146. Temp at 5 minutes
- 147. Temp at 10 minutes
- 148. Temp at 15 minutes
- 149. Temp at 20 minutes
- 150. Temp at 25 minutes
- 151. Temp at 30 minutes
- 152. Temp at 35 minutes
- 153. Temp at 40 minutes
- 154. Temp at 45 minutes
- 155. Temp at 50 minutes
- 156. Temp at 55 minutes
- 157. Temp at 60 minutes
- 158. Motor Paint

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